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Commissioner for Patents
P.O. Box 1450
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PATENT
Attorney Docket No.: 040092-009300US
Client Ref. No.: MS-01302

On October 10, 2003

TOWNSEND and TOWNSEND and CREW LLP

By

#7/A PB
11-5-03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

STEPHEN RANDOLPH
WINZER

Application No.: 10/099,982

Filed: March 19, 2002

For: COMPOSITE ULTRA-LIGHT
WEIGHT ACTIVE MIRROR FOR
SPACE APPLICATIONS

Customer No.: 20350

Confirmation No.: 5514

Examiner: John Juba Jr.

Technology Center/Art Unit: 2872

AMENDMENT

RECEIVED
OCT 22 2003
TECHNOLOGY CENTER 2800

10/20/2003 BABRAHAI 00000003 201430 10099982
01 FC:1202 54.00 DA

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed July 30, 2003, please enter the following amendments and remarks:

Amendments to the Specification begin on page 3 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 8 of this paper.

Amendments to the Drawings begin on page 13 of this paper and include both an attached replacement sheet and an annotated sheet showing changes.

Remarks/Arguments begin on page 14 of this paper.

Appl. No. 10/099,982
Amdt. dated October 10, 2003
Reply to Office Action of July 30, 2003

PATENT

An **Appendix** including amended drawing figures is attached following page 13 of this paper.

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 54

Complete if Known

Application Number	10/099,982
Filing Date	March 19, 2002
First Named Inventor	Winzer, Stephen Randolph
Examiner Name	John Juba Jr.
Art Unit	2872
Attorney Docket No.	040092-009300US

METHOD OF PAYMENT (check all that apply)

- Check Credit Card Money Order Other None
 Deposit Account:

Deposit Account Number 20-1430

Deposit Account Name Townsend and Townsend and Crew LLP

The Director is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$ 54

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Fee from below	Fee Paid
Total Claims	35	-32** = 3 X \$18 =	\$54
Independent Claims	3	-3** = 0 X \$86 =	\$0
Multiple Dependent		X =	

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 54

** or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive – unavoidable	
1453 1,330	2453 655	Petition to revive – unintentional	
1501 1,330	2501 655	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Petitions related to provisional applications	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$

SUBMITTED BY

Name (Print/Type)	Chun-Pok Leung	Registration No. (Attorney/Agent)	41,405	Telephone	650-326-2400
Signature				Date	(6-10-02)

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2872 \$



TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/099,982
Filing Date	March 19, 2002
First Named Inventor	Winzer, Stephen Randolph
Art Unit	2872
Examiner Name	John Juba Jr.
Total Number of Pages in This Submission	Attorney Docket Number 040092-009300US

ENCLOSURES (Check all that apply)

- Fee Transmittal Form
 - Fee Attached
- Amendment/Reply
 - After Final
 - Affidavits/declaration(s)
 - Extension of Time Request
 - Express Abandonment Request
 - Information Disclosure Statement
 - Certified Copy of Priority Document(s)
 - Response to Missing Parts/ Incomplete Application
 - Response to Missing Parts under 37 CFR 1.52 or 1.53

- Drawing(s)
- Licensing-related Papers
- Petition
- Petition to Convert to a Provisional Application
- Power of Attorney, Revocation Change of Correspondence Address
- Terminal Disclaimer
- Request for Refund
- CD, Number of CD(s)

- After Allowance Communication to Group
- Appeal Communication to Board of Appeals and Interferences
- Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
- Proprietary Information
- Status Letter
- Other Enclosure(s) (please identify below):

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Remarks

The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual	Townsend and Townsend and Crew LLP Chun-Pok Leung	Reg. No. 41,405	RECEIVED OCT 22 2003 TECHNOLOGY CENTER 2800
Signature			
Date	(0 - CO - 03)		

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Typed or printed name	Andrea S. Beck		
Signature		Date	10/10/03